

ABSTRACT OF THE DISCLOSURE

A method for optimizing the positioning of high sensitivity receiver front-ends in a mobile telephony network of the CDMA type having a plurality of cells, the method defining a first and a second cell indicator; defining a first and a second threshold value; comparing the first cell indicator with a first threshold value and the second cell indicator with a second threshold value; associating with a first category a plurality of first cells having the first cell indicator greater than the first threshold value or the second cell indicator greater than the second threshold value; and positioning a plurality of high sensitivity receiver front-ends substantially in all the plurality of first cells. The method further includes the steps of associating with a second category a plurality of second cells having the first cell indicator smaller than the first threshold.